**FOREST MODELS 2020-2021**

**Module 4**

**StandsSIM.md – Eucalyptus’ stands simulations**

**Students must solve the problem using StandsSIM.md simulator presenting print screens of the data filled in the tabs for each step of the way. All input files used and the generated output must be provided along with the print screens in a zipped folder named Homework 4.**

Read the StandsSIM.md handbook (available at Fénix)

# Using StandsSIM.md in sIMfLOR interface build a yield table for eucalyptus following the instructions bellow considering a planning horizon of 60 years and compare the two prescriptions described below:

**Location**: Braga municipality

**Altitude:** 183 m

**Site index**: 21 m (base age 10 years)

**FMA**: Use an even-aged FMA of your choice as base

**Prescription:**

* 6 cycles with the plantation harvested at age 10, followed by 5 coppices all harvested at age 10
* 6 cycles all harvested at age 10, but considering a replantation in the 4th cycle. Please note soil preparation when replanting requires considering a stump destruction operation (operation 55).

Compare both management prescriptions from an economic return and raw material supply perspective and discuss which you would choose. You can solve the exercise in 2 separate runs or in a single run.